

**FREEZING AND THAWING BIOPHARMACEUTICALS WITHIN A VESSEL HAVING A  
REMOVABLE STRUCTURE WITH A CENTRALLY POSITIONED PIPE**

**Abstract of the Disclosure**

The present invention relates to a biopharmaceutical preservation system for cooling, thawing and freezing a medium. The biopharmaceutical preservation system includes a vessel and a structure removably mounted within the vessel. The structure includes an elongated pipe centrally positioned within the vessel and having one or more heat transfer members.

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